INTERNATIONAL SEARCH REPORT

Ir nal Application No Ful/JP2004/010276

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B60L11/18 B60K B60K6/04 H02J7/14 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) B60K B60L H02J IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X EP 1 318 285 A (TOYOTA MOTOR CO LTD) 1,6, 11 June 2003 (2003-06-11) 12-14, 19-21 paragraph '0077! X EP 0 829 386 A (TOYOTA MOTOR CO LTD) 1,6, 18 March 1998 (1998-03-18) 12-14, 19-21 claim 22; figure 1 X US 2002/094908 A1 (HARADA CHIAKI ET AL) 1,14,21 18 July 2002 (2002-07-18) paragraph '0105!; claims 2,3 Y EP 0 909 675 A (TOYOTA MOTOR CO LTD) 1,14,21 21 April 1999 (1999-04-21) paragraph '0018! - paragraph '0019!; claim 1; figure 1 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: 'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another dtation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. O document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the International search Date of mailing of the International search report 26 October 2004 03/11/2004 Name and mailing address of the ISA Authorized officer NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fac (+31-70) 340-3016 Bufacchi, B

INTERNATIONAL SEARCH REPORT

Int onal Application No PUI/JP2004/010276

C (O-nHau		PC1/JP2004/0102/6
Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with Indication, where appropriate, of the relevant passages	
Calegory	Challent of document, with indication, where appropriate, or the relevant passages	Relevant to daim No.
Y	EP 1 245 422 A (VISTEON GLOBAL TECH INC) 2 October 2002 (2002-10-02) paragraph '0008! - paragraph '0010!	1,14,21
A	US 6 378 636 B1 (WORREL PETER FRANCIS) 30 April 2002 (2002-04-30) claim 5	1,2,14, 15,21,22
A	DE 101 55 744 A (FORD MOTOR CO) 5 June 2003 (2003-06-05) claim 1	2,15
Α	US 6 109 237 A (ZEYEN KLAUS-PETER ET AL) 29 August 2000 (2000-08-29) claim 1	2,15
E	US 2004/158365 A1 (NAGANO SHUJI ET AL) 12 August 2004 (2004-08-12) paragraph '0076!; figure 20	1,14,21
	·	
	·	

INTERNATIONAL SEARCH REPORT

iformation on patent family members

Int Ional Application No PCT/JP2004/010276

					U., UI L	0047 01027 0
Patent document cited in search report		Publication date	Patent family member(s)			Publication date
EP 1318285	A	11-06-2003	JP EP	2002089307 1318285		27-03-2002
			US	2004102286		11-06-2003 27-05-2004
			WO	0223028		21-03-2004
			ÜS	2004158365	Δ1	12-08-2004
			ÜŠ	2002116099		22-08-2002
EP 0829386	Α	18-03-1998	JP	3050138		12-06-2000
			JP	10094107		10-04-1998
			CN	1176904	A ,B	25-03-1998
			DE	69707383		22-11-2001
			DE	69707383		27-06-2002
			EP	0829386		18-03-1998
			US	5914575 	A 	22-06-1999
US 2002094908	A1	18-07-2002	JP	2002213266	Α	31-07-2002
EP 0909675	Α	21-04-1999	JP	11187577		09-07-1999
			CA	2249933		13-04-1999
			EP	0909675		21-04-1999
			JP	2003219510		31-07-2003
			US	6075346	A 	13-06-2000
EP 1245422	Α	02-10-2002	US	2002138182		26-09-2002
			EP	1245422		02-10-2002
			JP	2003009311	A .	10-01-2003
US 6378636	B1	30-04-2002	DE	10149897		01-08-2002
			GB	2368664	A ,B	08-05-2002
DE 10155744	Α	05-06-2003	DE	10155744	A1	05-06-2003
US 6109237	Α	29-08-2000	DE	19704153	A1	06-08-1998
			DE	59805188		19-09-2002
			MO	9834022		06-08-1998
			EP	0961874		08-12-1999
				2001510522		31-07-2001
US 2004158365	A1	12-08-2004	JP	2002089307		27-03-2002
			EP	1318285		11-06-2003
			MO	0223028		21-03-2002
			US US	2004102286 2002116099		27-05-2004 22-08-2002